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| UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small> | | Attorney Docket No. 203979US0X | |
| | | First Inventor or Application Identifier Bettina MO | |
| | | Title NUCLEOTIDE SEQUENCES CODING FOR THE lysR1 GENE | |
| | | Assignee Name: DEGUSSA AG Assignee Address: Benningssenplatz 1, DE-40474 Duesseldorf, GERMANY | |

| | |
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| APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents</small> | ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231 |
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g. PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small> 2. <input checked="" type="checkbox"/> Specification Total Sheets 33 3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) Total Sheets 1 4. <input type="checkbox"/> Oath or Declaration Total Pages <input type="text"/> a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 C.F.R. §1.63(d)) (for continuation / divisional w/ box 17 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §1.63(d)(2) and 1.33(b). 5. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (<i>Appendix</i>) 6. <input checked="" type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input checked="" type="checkbox"/> Computer Readable Form (CRF) b. Specification or Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input checked="" type="checkbox"/> Paper c. <input checked="" type="checkbox"/> Statements verifying identity of above copies | ACCOMPANYING APPLICATION PARTS 7. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) 8. <input checked="" type="checkbox"/> Application Data Sheet, 2 pages, See 37 CFR 1.76 9. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small> 10. <input type="checkbox"/> English Translation Document (if applicable) 11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 12. <input type="checkbox"/> Preliminary Amendment 13. <input checked="" type="checkbox"/> White Advance Serial No. Postcard 14. <input checked="" type="checkbox"/> Certified Copy of Priority Document (1) <small>(if foreign priority is claimed)</small> 15. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 16. <input checked="" type="checkbox"/> Other: List of Inventors' Names and Addresses Request for Priority Depository Information (DSM 13616) English Translation of Priority Document |

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application no.:

Prior application information: Examiner: _____ Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. Amend the specification by inserting before the first line the sentence:


☐ This application is a ☐ Continuation ☐ Division ☐ Continuation-in-part (CIP)
 of application Serial No. _____ Filed on _____

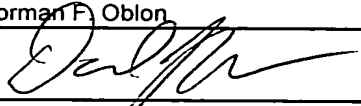
☐ Which was published in English

☐ Which was not published in English

☐ This application claims priority of provisional application Serial No. _____ Filed _____

19. CORRESPONDENCE ADDRESS


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| | | | |
|------------|---|-------------------|----------|
| Name: | Norman F. Oblon | Registration No.: | 24,618 |
| Signature: |  | Date: | 07/13/01 |
| Name: | Daniel J. Pereira, Ph.D. | Registration No.: | 45,518 |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) Bettina MOECKEL et al

SERIAL NO: New Application

FILING DATE: Herewith

FOR: NUCLEOTIDE SEQUENCES CODING FOR THE lysR1 GENE

FEE TRANSMITTAL

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

| FOR | NUMBER FILED | NUMBER EXTRA | RATE | CALCULATIONS |
|--|-----------------|-----------------|-----------|--------------|
| TOTAL CLAIMS | 39 - 20 = | 19 | × \$18 = | \$342.00 |
| INDEPENDENT CLAIMS | 6 - 3 = | 3 | × \$80 = | \$240.00 |
| <input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS (If applicable) | | | + \$270 = | \$0.00 |
| <input checked="" type="checkbox"/> LATE FILING OF DECLARATION | | | + \$130 = | \$130.00 |
| BASIC FEE | | | | \$710.00 |
| TOTAL OF ABOVE CALCULATIONS | | | | \$1,422.00 |
| <input type="checkbox"/> REDUCTION BY 50% FOR FILING BY SMALL ENTITY | | | | \$0.00 |
| <input type="checkbox"/> FILING IN NON-ENGLISH LANGUAGE | | | + \$130 = | \$0.00 |
| <input type="checkbox"/> RECORDATION OF ASSIGNMENT | | | + \$40 = | \$0.00 |
| TOTAL | | | | \$1,422.00 |

- ☐ Please charge Deposit Account No. 15-0030 in the amount of _____ A duplicate copy of this sheet is enclosed.
- ☒ A check in the amount of \$1,422.00 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030.
A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

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(OSMMN 10/00)

Docket No. 203979US0X

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Bettina MOECKEL et al

FILING DATE: Herewith

FOR: NUCLEOTIDE SEQUENCES CODING FOR THE lysR1 GENE

LIST OF INVENTORS' NAMES AND ADDRESSES

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Listed below are the names and addresses of the inventors for the above-identified patent application.

| | |
|----------------------|---|
| 1) Bettina MOECKEL | Benrodestrasse 35, DE-40597, Duesseldorf, GERMANY |
| 2) Mike FARWICK | Gustav-Adolf-Strasse 11, DE-33615 Bielefeld, GERMANY |
| 3) Thomas HERMANN | Zirkonstrasse 8, DE-33739 Bielefeld, GERMANY |
| 4) Caroline KREUTZER | Poststrasse 16, DE-49326 Melle, GERMANY |
| 5) Walter PFEFFERLE | Jahnstrasse 33, DE-33790 Halle (Westf.) GERMANY |

A declaration containing all the necessary information will be submitted at a later date.



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Respectfully Submitted,

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203979US0X

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF: :
Bettina MOECKEL et al : ATTN: APPLICATION BRANCH
SERIAL NO. NEW U.S. APPLICATION :
FILED: HEREWITH :
FOR: NUCLEOTIDE SEQUENCES CODING
FOR THE lysR1 GENE

STATEMENT

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Applicants are submitting a Sequence Listing and a corresponding computer-readable Sequence Listing with the application filed herewith. The sequence information recorded in the corresponding computer-readable Sequence Listing is identical to the paper copy of the substitute Sequence Listing.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
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